

C650 Streambank Stabilization

Purpose

1. Protect streambanks from accelerated erosion.
2. Provide adequate streambank vegetation.
3. Improve water quality.

Applicability

1. Applies to agricultural land along streams where significant streambank erosion problems exist.
2. A district must work with the Missouri Department of Conservation (MDC) and NRCS staff to determine eligibility and whether technical assistance can be provided. NRCS is able to offer technical assistance in federally funded partnership projects. MDC is able to offer technical assistance within priority watersheds.

Erosion Requirements

Practice has no erosion requirements.

Specifications

The completed practice must meet MDC Policies and Procedures for MDC 650 Streambank restoration if MDC staff is the technical authority; and NRCS Standards and Specifications for Fence (382), livestock exclusion under Access Control (472), Tree/Shrub Site Preparation (490), Streambank and Shoreline Protection (580), and Tree/Shrub Establishment (612) contained in the Field Office Technical Guide.

Policies

1. Plantings will be protected from fire and livestock throughout the life of the practice.
2. Stabilization structures will remain in place until sufficient vegetation is present to sustain bank stability. This will be determined by MDC or NRCS technical staff. Cost-share for reconstruction will not be available.
3. ***Cost-share is authorized for:***
 - a. Components necessary for cedar tree revetments, rock riprap, and bioengineering materials.
 - b. Seedling or other plantings needed to stabilize the constructed area.
 - c. Exclusion fence. Corridor width must be a minimum distance of 50 feet from the top of the streambank.
4. ***Cost-share is not authorized for:***
 - a. Any stream with substantial watershed or in-channel problems, such as channelization or excessive streambank erosion.
 - b. Planting of trees for commercial production.

- c. Fence that does not serve the purpose of excluding livestock, such as property lines, rights-of-way, or farm road boundaries.
- d. Clearing of rocks or other obstructions from the areas to be treated.
- e. Labor, material, and equipment supplied at no charge by any agency or organization.

Maximum State Cost-Share

1. Not to exceed \$5,000 per landowner and/or farm.
2. Utilize the Practice Limits Detail Report in MoSWIMS to ensure compliance with applicable maximums.

Map Requirements

A map that displays the completed practice must be scanned and attached as a document type “Map” in MoSWIMS prior to contract payment submission.

Technical Responsibilities

MDC or NRCS technical staff has the responsibility for determining the need for the practice, for design of the practice based upon the minimum extent necessary, and to certify that the completed practice meets NRCS standards and specifications within commission policy.

Acres Served

Acreage is equal to zero.

Extent Installed

Linear Feet excluded on each side of the stream.

Maintenance Life

10 years.